

ABSTRACT

An apparatus for generating an effective concentration of ozone for killing bacteria, viruses and other harmful microorganisms includes a housing having an ozone chamber defining an enclosed space for containing elevated concentrations of ozone. The ozone chamber includes ports providing 5 access to the interior of the ozone chamber. A second chamber of the apparatus houses an ozone reactor. A programmable control circuit operates both the ozone reactor and a pump for directing ambient air to the ozone reactor. The control circuit includes a motion detector mounted in the ozone chamber for activating the ozone generator of the invention and initiating the generation of ozone directed into the ozone chamber of the apparatus of the invention.

PROSECUTION DOCUMENT